

TVCC10030

Day/Night 520 TVL Board Camera

This Eyseo board camera with mini lens delivers maximum image quality on minimal space. And thanks to the day/night functions also in bad light and darkness. With a size of only 32 x 32 x 40 mm (WxHxD), it can be mounted in hidden locations behind pictures, file folders, or in suitcases – with its discrete infrared light source also completely invisible in dark rooms. Further fields of application are process optimization and quality assurance in production and logistics, possibly also within equipment and machinery. The board camera is equipped with a very light-sensitive 1/3" Sony Super HAD CCD. With impressive 520 TV lines (High Resolution), it delivers color recordings at the highest level – with a higher resolution than many big cameras (down to a light intensity of 0.6 lux). When light gets too low, the camera automatically switches to B/W mode and then receives IR light as required for night surveillance. The integrated miniature lens has a focal length of 3.6 mm and the horizontal field of view is 71°. The Eyseo board camera has functions such as ELC (Electric Light Compensation), BLC (Back Light Compensation), AGC (Automatic Gain Control) and AWB (Automatic White Balance). It is intended for indoor usage. In addition to compact construction, high image quality, and varied applicability, the camera also convinces with low power consumption.



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Technical Data

Image sensor	1/3" Sony Super HAD CCD
DSP	Nextchip
Camera type	Board camera
Resolution	520 TVL
Image elements (total)	795 (H) x 596 (V)
Image elements (effective)	752 (H) x 582 (V)
Lens	Miniature, 3.6 mm
Horizontal field of view	71°
Day/night switch-over	Infrared blocking filter (ICR), color / B/W
Minimum lighting (color)	0.6 lux @ F2.0, 30 IRE
Minimum lighting (B/W)	0.6 lux @ F2.0, 30 IRE
Minimum lighting (IR)	0 lux @ F2.0, 30 IRE
Electronic shutter	AES
White balance	AWB
Gain control	AGC
Backlight compensation	BLC (On/Off)
Video system	PAL
Signal-to-noise ratio	48 dB
Synchronization	Internal
Connections	F-BAS, 1V s-s; 75 Ohm (BNC); 5.5 x 2.1 mm (DC)
Power supply	12 VDC
Power consumption	2.3 W
Operating temperature	-10°C ~ +50°C
Humidity	0~85%, non-condensating
Dimensions (WxHxD)	32 x 32 x 40 mm
Weight	40 g
Certifications	CE, UVV